

[54] METHOD AND APPARATUS FOR CONTROLLING IMAGE DISPLAY

[75] Inventors: Kuniaki Tabata, Tokyo; Susumu Tshura; Tetsuo Machida, both of Sagamihara; Hidefumi Iwami, Machida; Yasuyuki Okada, Sagamihara, all of Japan

[73] Assignee: Hitachi, Ltd., Tokyo, Japan

[21] Appl. No.: 443,872

[22] Filed: Nov. 23, 1982

[51] Int. Cl.⁴ G06F 3/153

[52] U.S. Cl. 364/900; 364/300

[58] Field of Search ... 364/200 MS File, 900 MS File, 364/521, 300, 200, 900; 340/721, 724, 726, 727, 731, 754

[56] References Cited

U.S. PATENT DOCUMENTS

4,267,573 5/1981 Chaikin et al. 340/727 X
4,412,294 10/1983 Watts et al. 340/726 X
4,437,093 3/1984 Bradley 340/726

OTHER PUBLICATIONS

"Object-Oriented Software Systems", BYTE, Aug. 1981, David Robson, pp. 74-86.

"The Smalltalk-80 Virtual Machine", BYTE, Aug. 1981, Glenn Krasner, pp. 300-318.

BYTE, Aug. 1981, vol. 6, No. 8, pp. 378-387, Ted Kahler, "Virtual Memory for an Object-Oriented Language".

BYTE, Aug. 1981, vol. 6, No. 8, pp. 36-86, Xerox Learning Research Group, "The Smalltalk-80 System".
BYTE, Aug. 1981, vol. 6, No. 8, pp. 90-147, Larry Teslar, "The Smalltalk Environment".

BYTE, Aug. 1981, vol. 6, No. 8, pp. 168-194, Daniel Ingalls, "The Smalltalk Graphics Kernal".

Primary Examiner—Thomas M. Heckler

Attorney, Agent, or Firm—Antonelli, Terry & Wands

[57] ABSTRACT

In a method for controlling an image display apparatus having a file management table for managing information including titles of image data stored in a file memory and storage addresses therefor and a window management table for managing information including locations and sizes of windows on a display screen and quarry locations of the image data, the content of the window management table in accordance with an input command is updated so that the location and size of the window, the superposition of the windows and the scrolling of the window can be interactively changed.

10 Claims, 10 Drawing Figures

